

AP3 Rec'd PCT/PTO 01 MAY 2008 PCT

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450.

Dated: April 26, 2006

Signature:

(Stephanie M. Muma)

Docket No.: 62403A US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Henk H. Hagen et al.

Application No.: 10/553,766

Confirmation No.: \_\_\_\_\_

Filed: March 12, 2004

Art Unit: N/A

For: COPOLYMERS OF ETHYLENE AND 1-  
HEPTANE

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

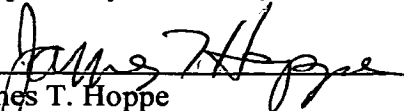
This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1512, under Order No. 62403A US. A duplicate copy of this paper is enclosed.

Dated: April 26, 2006

Respectfully submitted,

By 

James T. Hoppe

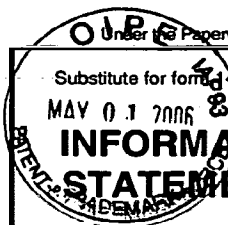
Registration No.: 35,899

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 Substitute for form 449A/B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/553,766
		Filing Date	March 12, 2004
		First Named Inventor	Henk H. Hagen
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Sheet	1	of	2
		Attorney Docket Number	62403A US

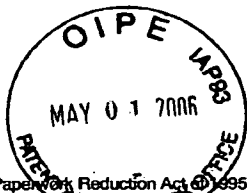
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,314,912	02-09-1982	Lowery, Jr. et al.	
	AB*	US-4,547,475	10-15-1985	Glass et al.	
	AC*	US-4,612,300	09-16-1986	Coleman, III	
	AD*	US-5,064,802-A	11-12-1991	Stevens et al.	
	AE*	US-5,153,157-A	10-06-1992	Hlatky et al.	
	AF*	US-5,321,106-A	06-14-1994	LaPointe	
	AG*	US-5,350,723-A	09-27-1994	Neithamer et al.	
	AH*	US-5,425,872-A	06-20-1995	Devore et al.	
	AI*	US-5,470,993	11-28-1995	Devore et al.	
	AJ*	US-5,595,705-A	01-21-1997	Walton et al.	
	AK*	US-5,625,087-A	04-29-1997	Devore et al.	
	AL*	US-5,721,185-A	02-24-1998	LaPointe et al.	
	AM*	US-5,783,512-A	07-21-1998	Jacobsen et al.	
	AN*	US-5,883,204-A	03-16-1999	Spencer et al.	
	AO*	US-5,919,983-A	07-06-1999	Rosen et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP-EP1231228-A1	08-14-2002	Sasol Technology (Proprietary) Limited		
	BB	WO-WO2004011546-A1	02-05-2004	Borealis Technology Oy		
	BC	EP-EP0277003-A1	03-08-1988	Exxon Chemical Patents, Inc.		
	BD	WO-WO9628480	09-19-1996	The Dow Chemical Company		
	BE	WO-WO9915534	04-01-1999	The Dow Chemical Company		
	BF	WO-WO9942467	08-26-1999	The Dow Chemical Company		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	A.G. SIMANKE, et. al., "Influence of the Type and the Comonomer Contents on the Mechanical Behavior of Ethylene/ $\alpha$ -Olefin Copolymers," Journal of Applied Polymer Science, 1999, pp. 1194-1200, Vol. 74, John Wiley & Sons, Inc.	
	CB	TUIJA A. OJALA and GERHARD FINK, "Structure Study of ethene/ $\alpha$ -olefine copolymers," Makromol. Chem., 1988, pp. 85-89, 9, Max-Planck-Institut für Kohlenforschung, Kaiser-Wilhelm-Platz I, Mulheim	
	CC	L.T. FINOGENOVA, et. al., "Study of the Reaction of Copolymerization of Ethylene with	

Examiner Signature		Date Considered	
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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>Substitute for form 1449A/B/PTO</b>				<b>Complete If Known</b>	
				Application Number	10/553,766
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Filing Date	March 12, 2004
				First Named Inventor	Henk H. Hagen
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	62403A US
Sheet	2	of	2		

	Hexene-1 on Coated Catalyst,* Vysokomol. soed., 1980, pp.1-10, Vol. A 22, Institute for Catalysis, Siberian Branch, USSR Academy of Sciences, Novosibirsk	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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